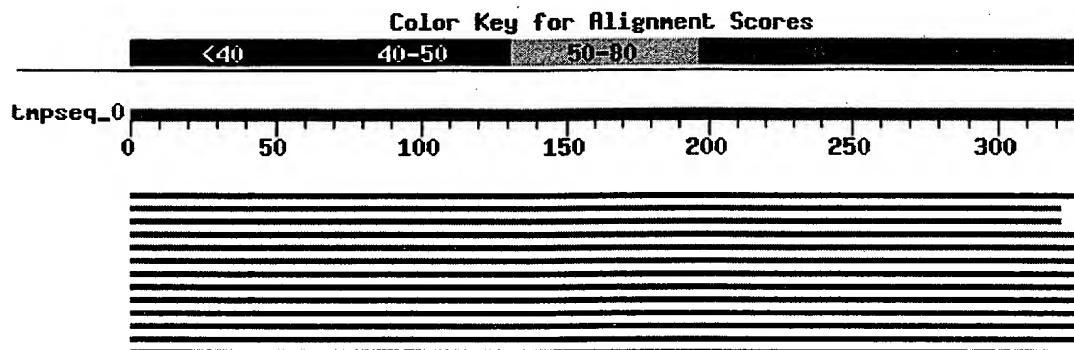


Sequence of cytochrome b gene (328 bp) revealed from biological material of unknown origin i.e. 'adil.flesh' using primers 'mcb398' and 'mcb869'

## Homology search in 'nr' database using 'BLAST'



Sequences producing significant alignments:	Score (bits)	E Value
gb AY005809.1  <b><i>Panthera pardus</i></b> cytochrome b gene, partial c...	603	e-170
gb AF053054.1 AF053054 <i>Panthera tigris sumatrae</i> isolate Su1...	527	e-147
gb AF053053.1 AF053053 <i>Panthera tigris tigris</i> isolate B7 mi...	527	e-147
gb AF053050.1 AF053050 <i>Panthera tigris corbetti</i> isolate C2 ...	476	e-132
gb AF053049.1 AF053049 <i>Panthera tigris corbetti</i> isolate C1 ...	476	e-132

Selection of reference animals based on above information and further analysis using primers 'mcb398' and 'mcb869'

## Multiple sequence alignments using 'Autoassembler'

**Figure 1 b**